

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-035697
(43)Date of publication of application : 05.02.2004

(51)Int.Cl. C09D 11/00
B41J 2/01
B41J 2/045
B41J 2/055
B41M 5/00

(21)Application number : 2002-193878 (71)Applicant : SHARP CORP
(22)Date of filing : 02.07.2002 (72)Inventor : OTA TOSHIHIRO
KAMOTO TAKANORI

(54) INK, AND IMAGE-FORMING METHOD AND IMAGE-FORMING DEVICE BY INKJET METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an ink capable of forming an image of high quality, and an image-forming method and an image-forming device by an inkjet method using the ink. SOLUTION: The ink comprises a solid component comprising a pigment and a fixing agent and is made to adhere on a recording material having a coating layer on the surface by an inkjet method to form an image, where the concentration m (wt%) of the solid component in the ink is adjusted so that the length L (μm) of one side in the minimum pixel of an image satisfies the relation: $L \leq (-850m + 13,000) \times V$ when the volume of the ink is V (pl).